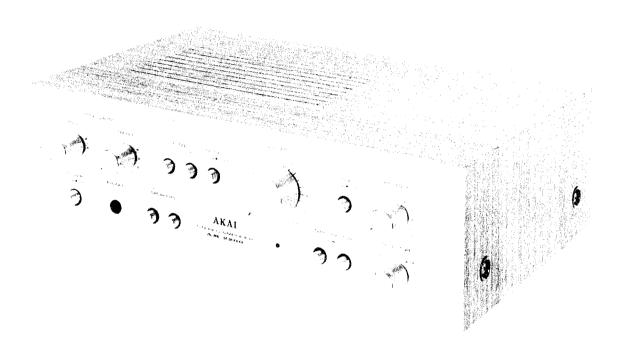
SERVICE MANUAL PARTS LIST

MODEL AMI-2200
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AKAI STEREO INTEGRATED AMPLIFIER MODEL AM-2200

SECTION	1	SERVICE MANUAL 1
SECTION	2	PARTS LIST

SECTION 1

SERVICE MANUAL

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For basic adjustments measuring methods, and operating principles, refer to GENERAL OPERATING PRINCIPLES AND ADJUSTMENTS.

I. TECHNICAL DATA

1. Power Amplifier Section

Continuous Power Output	20 watts per channel, minimum RMS, at 8 ohms from 20 to 20,000 Hz with no more than 0.5% total harmonic distortion
POWER BANDWIDTH (1HF)	10 to 45,000 Hz/8 ohms (Total Harmonic Distortion 0.5%)
SIGNAL TO NOISE RATIO (1HF)	Phono: Better than 85 dB
	Aux: Better than 95 dB
RESIDUAL NOISE	Less than 0.8 mV at 8 ohms
CHANNEL SEPARATION (1HF)	Phono: Better than 55 dB at 1,000 Hz
DAMPING FACTOR	More than 60 (1 kHz, 8 ohms)
OUTPUT	Speakers: A,B (4 to 16 ohms)/A+B(8 to 16 ohms)
	Headphone: 4 to 16 ohms

2. Pre Amplifier Section

INPUT SENSITIVITY AND IMPEDANCE	Phono: 3 mV/47 k ohms
	AUX: 150 mV/100 k ohms
	Tuner: 150 mV/100 k ohms
	Tape Monitor: PIN; 150 mV/100 k ohms DIN; 150 mV/100 k ohms
OUTPUT LEVEL AND IMPEDANCE	Tape REC: PIN; 150 mV/100 k ohms DIN; 150 mV/100 k ohms
FREQUENCY RESPONSE	Phono (RIAA equalization) 30 to 15,000 Hz ±1 dB
TONE CONTROL	BASS: ±9 dB at 100 Hz, TREBLE: ±7 dB at 10 kHz
LOUDNESS CONTROL	+10 dB at 100 Hz, +5 dB at 10 kHz
	(Volume Control set at -30 dB position)
FILTER	HIGH: -6 dB at 10 kHz, LOW: -6 dB at 50 Hz

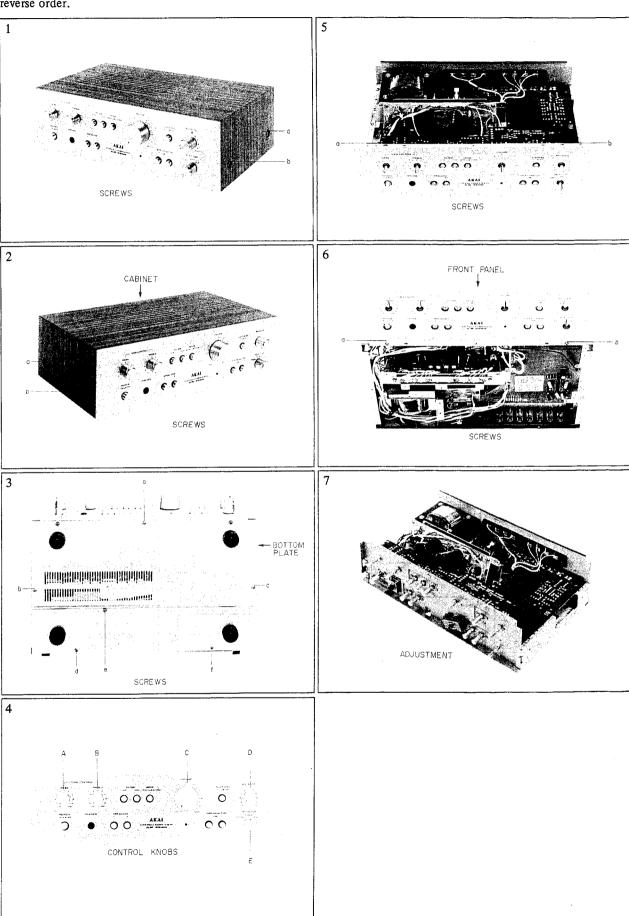
3. Others

SEMICONDUCTORS	Transistors: 18, Diodes: 5, IC: 1	
POWER REQUIREMENTS	U.S.A. and Canada model: 120V, 60 Hz	
•	CEE models: 220V, 50 Hz	
	Other models: 110/220/240V, 50/60 Hz switchable	
DIMENSIONS	380(W) x 125(H) x 263(D) mm	
	(15 x 4.9 x 10.3) inches	
WEIGHT	5.5 kg (12.1 lbs.)	

NOTE: For improvement purposes, specifications and design are subject to change without notice.

II. DISMANTLING OF UNIT

In case of trouble, etc. necessitating disassembly, please disassemble in the order shown in photograph. Reassemble in reverse order.



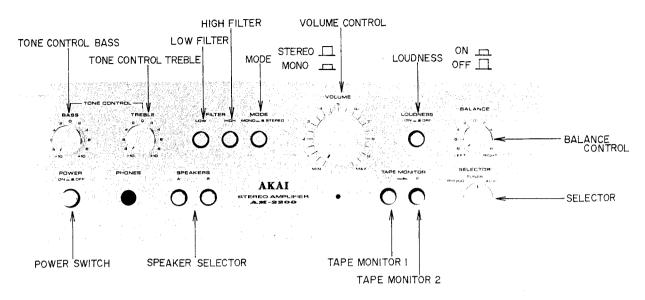


Fig. 1 Controls

IV. PRINCIPAL PARTS LOCATION

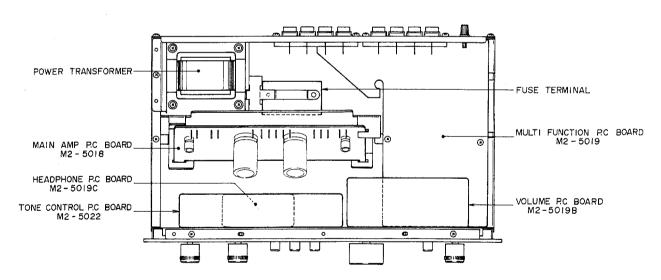


Fig. 2 Top View

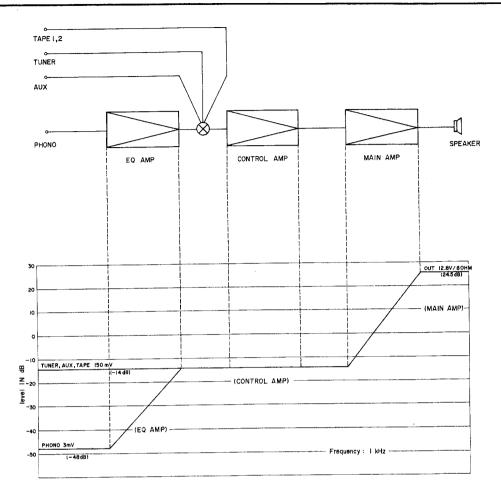


Fig. 3 Level Diagram of Model AM-2200

VI. MAIN AMP ADJUSTMENT

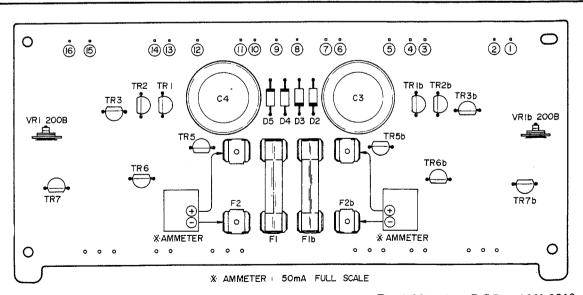


Fig. 4 Main Amp P.C Board M2-2018

Idling Current Adjustment (Refer to Fig. 4)

- 1. Disconnect $\stackrel{\leftarrow}{+}$ current Fuse F2 2A and connect Ammeter.
- 2. At non-signal input, adjust semi-fixed resistor VR1 200B to obtain a 20 mA idling current.

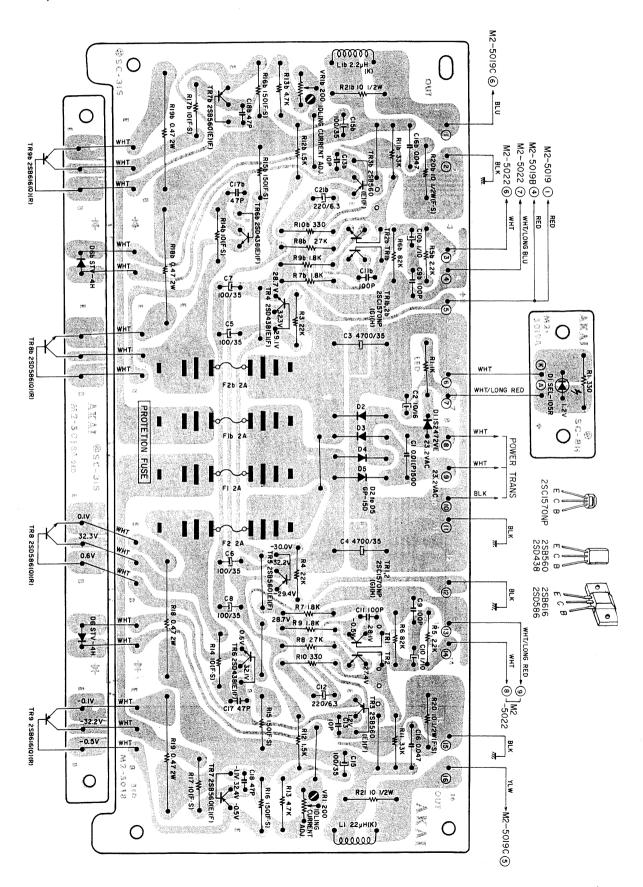
VII. CLASSIFICATION OF VARIOUS P. C BOARDS

1. RELATION OF P.C BOARD TITLE AND IDENTIFICATION NUMBER

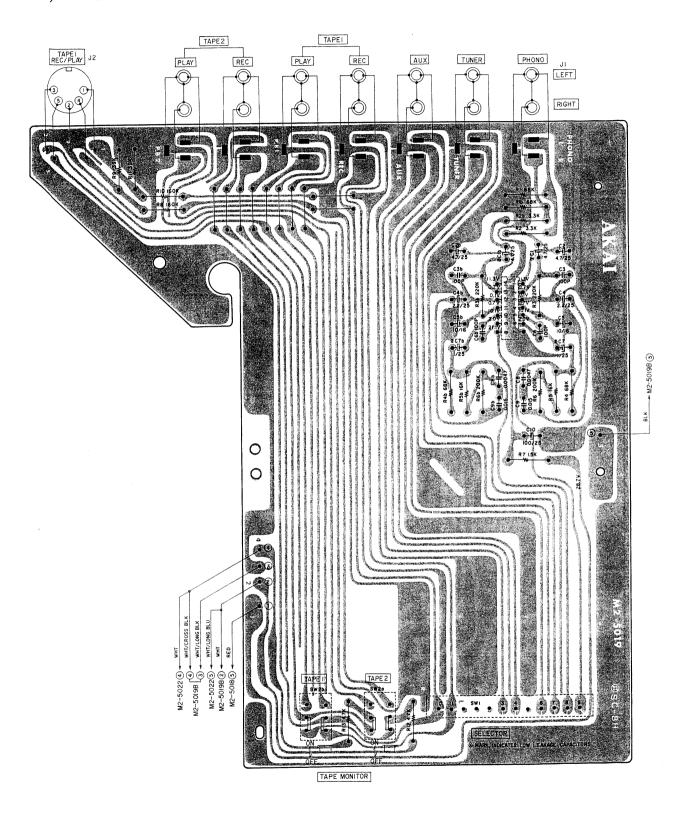
P.C Board	Number of P.C Board
Main Amp P.C Board	M2-5018/A
MFC P.C Board	M2-5019
LED P.C Board	M2-5019A
VR P.C Board	M2-5019B
Headphone P.C Board	M2-5019C
Tone Control P.C Board	M2-5022

2. COMPOSITION OF VARIOUS P.C BOARD

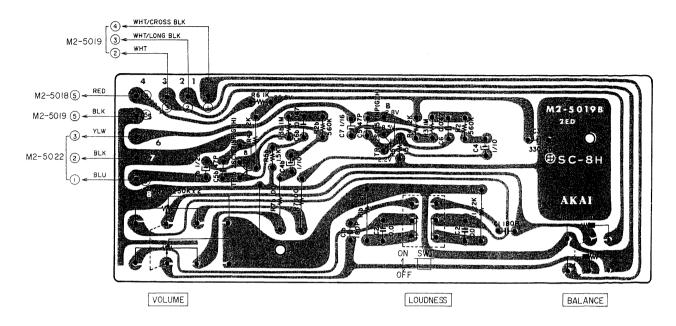
1) MAIN AMP P.C BOARD M2-5018/A, LED P.C BOARD M2-5019A



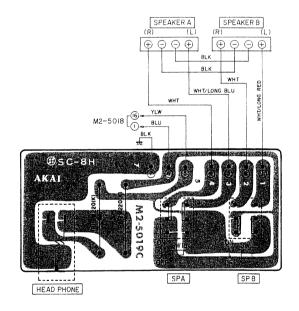
2) MFC P.C BOARD M2-5019



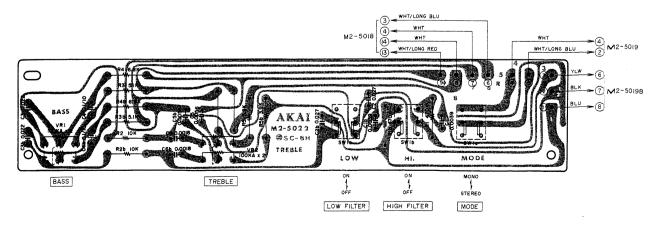
3) VR P.C BOARD M2-5019B



4) HEADPHONE P.C BOARD M2-5019C



5) TONE CONTROL P.C BOARD M2-5022



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September (1987) PARTS LIS

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	1.	RECOMENDED SPARE PARTS LIST
	2.	MAIN AMP P.C BOARD (M2-5018) BLOCK
	3.	MFC P.C BOARD (M2-5019) BLOCK
	4.	VOL P.C BOARD (M2-5019B) BLOCK
e Pari	5.	HEADPHONE P.C BOARD (M2-5019C) BLOCK
N.	6.	TONE CONTROL P.C BOARD (M2-5022) BLOCK
	7.	ASSEMBLY BLOCK 19
	8.	FINAL ASSEMBLY BLOCK
		LIST OF INTERCHANGEABLE SEMICONDUCTORS2
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Resistor and Capacitor which is not listed in this parts list, please refer to COMMON LIST FOR SERVICE PARTS.

111-12

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HOW TO USE THIS PARTS LIST

- 1. This parts list is compiled by various individual blocks based on assembly process.
- 2. When ordering parts, please describe parts number, serial number, and model number in detail.
- 3. How to read list.

The reference number corresponds with illustration or photo number of that particular parts list.

This number corresponds with the Figure Number.

This number corresponds with the individual parts index number in that figure.

A small "x" indicates the inability to show that particular part in the Photo or Illustration.

Schematic Diagram Number of individual manufactured part.
 (not required for parts order)
 Quantity of particular part required.

Ref. No. Parts No.

Description

Schematic No. Q'ty

	FLYWHEEL BLOCK #13			
12-115x	800425	Flywheel Block Assy. Comp.	RDG # 13	1
12-116	244506	Flywheel Only	RD-233	1
12-117x	244754	Felt, Flywheel	RD 275	1
12-118	251324	Main Metal Case	RD-236	1
12-119	253080	Main Metal	RD-237	1

- 4. The symbol numbers shown on the P.C. Board list can be matched with the Composite Views of components of the Schematic Diagram or Service Manual.
- 5. The indications of Resistors and Capacitors in the photos of P.C. Board are being eliminated.
- 6. The shape of the parts and parts name, etc. can be confirmed by comparing them with the parts shown on the Electrical Parts Table of P.C. Board.
- 7. Both the kind of part and installation position can be determined by the Parts Number. To determine where a parts number is listed, utilize Parts Index at end of Parts List.

It is necessary first of all to find the Parts Number. This can be accomplished by using the Reference Number listed at right of parts number in the Parts Index. (meaning of ref. no. outlined in Item 3 above).

8. Utilize separate "Price List for Parts" to determine unit price. The most simple method of finding parts Price is to utilize the reference number.

CAUTION:

- 1. When placing an order for parts, be sure to list the parts no. model no., and description. There are instances in which if any of this information is omitted, parts cannot be shipped or the wrong parts will be delivered.
- 2. Please be careful not to make a mistake in the parts no. If the parts no. is in error, a part different from the one ordered may be delivered.

1. RECOMENDED SPARE PARTS LIST

Parts No.	Parts Nomenclature	Reference No.
BA211263	Multi Function P.C Board Comp. M2-5019	
BA211252	Main Amp P.C Board Comp. M2-5018	
BA211232	Volume P.C Board Comp. M2-5019B	
BA211274 BA211285	Headphone P.C Board Comp. M2-5019C	
BA211432	Tone Control P.C Board Comp. M2-5022	
BC224807	Cabinet A M2-5013	
BD211230	Front Panel Block Comp. AM-2200(U)	
BT225178	Power Transformer AM-2200T-1	
BT215043	Power Transformer AM-2200T-2	CSA
BT215054	Power Transformer AM-2200T-3	CEE
BT239591	Power Transformer AM-2200T-4	BEAB
ED656357	Luminous Diode SEL105R	
ED551733	Silicon Varistor STV-4H	
ED656278	Silicon Diode 1S2472VE	
ED219903	Silicon Diode GP15D	
EI697871	IC LA3122	
EJ650272	Pin Jack 14P JPJ379-1-1	J1 (Multi Function P.C Board)
EJ698051	Din Jack	J2 (Multi Function P.C Board)
EJ225022	Headphone Jack LJ255-1-12	J1 (Headphone P.C Board)
EJ240581	Push Terminal 4P	
E0650823	Phase Equalizer Coil 2.2µH	L1 (Main Amp P.C Board)
ES225055	Rotary Switch SR26N C30K	SW1 (Multi Function P.C Board)
ES225088	Push Switch 2F-0005FF3220	SW2 (Multi Function P.C Board)
ES224965	Push Switch 1FT-0004AF4920	SW1 (Volume P.C Board)
ES225044	Push Switch 2F-0002FF1620	SW1 (Headphone P.C Board)
ES219846	Push Switch 3FT-0001FF6820	
ES224436	Power Switch JP01	SW1 (Power Switch)
ES239218	Power Switch JP01 (TV-4)	CSA
ES242346	Power Switch JP-17	CEE
ET219870	Transsistor 2SD586 (Q)(R)	
ET219881	Transistor 2SB616 (Q)(R)	
ET223446	Transistor 2SC1571NP (G)(H)	
ET219868	Transistor 2SB560 (E)(F)	
ET219857	Transistor 2SD438 (E)(F)	
ET539987	Transistor 2SC1312R (F)(G)	
EV573366	Semi-fixed Volume V10K8-4-2 200 ohmsB	VR1 (Main Amp P.C Board)
EV224943	Single axial 2-throw Volume V24L5G 3BM 250kx2	VR1 (Volume P.C Board)
EV224954	Single axial 2-throw Volume V16L4G 31Z 250kx2	VR2 (Volume P.C Board)
EV219835	Single axial 2-throw Volume V16L4 15A 100kx2	VR1,2 (Tone Control P.C Board)
SK224886	Power Knob M2-5021	
SK646817	Single Knob AA-5250	
SK634410	Push Button Knob J 91-5051	
SK225090	Volume Knob M2-5015	
SP224662	Rear Panel A M2-5010	
SZ645243	Circular Foot A CA-6014	

2. MAIN AMP P.C BOARD (M2-5018) BLOCK

Symbol No.	Parts No.	Description	Q'ty
2-1	BA211252	Main Amp P.C Board Comp.	
		(M2-5018)	1
2-2	BA270764	Main Amp P.C Board Comp.	
		(M2-5018)(CEE)	1
2-3	BA270775	Main Amp P.C Board Comp.	
		(MS-5018)(CSA)	1
2-TR1.2	ET245790	Transistor 2SC1570NP (G)(H)	4
2-TR3	ET219868	Transistor 2SB560 (E)(F)	2
2-TR4	ET219857	Transistor 2SD438 (E)(F)	1
2-TR5	ET219868	Transistor 2SB560 (E)(F)	1
2-TR6	ET219857	Transistor 2SD438 (E)(F)	2
2-TR7	ET219868	Transistor 2SB560 (E)(F)	2
2-D1	ED656278	Silicon Diode 1S2472	1
2-D2 to 5	ED219903	Silicon Diode GP15D	4
2-VR1	EV245823	Semi-fixed/Vol. V10K8-1-2	
		200 ohmsB	2
2-L1	E0650823	Phase Equalizer Coil 2.2 μ H(K)	2
2-4	EA233932	Transistor P.C Board (M2-5018A)	1
2-5	EA233943	Transistor P.C Board A	
		(M2-5018A)(CSA)	1
2-6	EJ514822	Fuse Holder, P.C Board S-N5051	8
2-7	EJ592503	Fuse Clip, P.C Board H0426	
		(CEE)	8
2-R18.19	ER219914	Metal Oxide Film/R. 2W	
		0.47 ohms (K)	4
2-C10	EC557155	Solid Aluminum/C. 1µF(M)	
		10WV(Vert. Type)	2
2-C13	EC474671	FM/C. 10PF(K) 500WV	2
		•	

3. MFC P.C BOARD (M2-5019) BLOCK

Parts No.	Description	Q'ty
BA211263	Multi Function P.C Board Comp.	
	(M2-5019)	1
EI697871	IC LA-3122	1
ES225088	Push SW. 2F-0005FF3220	1
EJ650272	Pin Jack 14P JPJ379-1-1	1
EJ698051	Din Jack	1
	BA211263 EI697871 ES225088 EJ650272	BA211263 Multi Function P.C Board Comp. (M2-5019) EI697871 IC LA-3122 ES225088 Push SW. 2F-0005FF3220 EJ650272 Pin Jack 14P JPJ379-1-1

4. VOL P.C BOARD (M2-5019B) BLOCK

Symbol No.	Parts No.	Description	Q'ty
4-1	BA211274	Vol P.C Board Comp. (M2-5019B)	1
4-TR1	ET539987	Transistor 2SC1312R(F)(G)	2
4-VR1	EV224943	Single axial 2 throw Vol.	
		V24L5G 3BM 250kx2	1
4-VR2	EV224954	Single axial 2 throw Vol.	
		V16L4G 31Z 250kx2	1
4-SW1	ES224965	Push SW. 1FT-0004AF4920	1
4-C4	EC557155	Solid Aluminum/C. 1µF(M) 10WV	
		(Vert. Type)	2
4-C7	EC223413	Solid Aluminum/C. 1µF(M) 16WV	
		(Vert. Type)	2

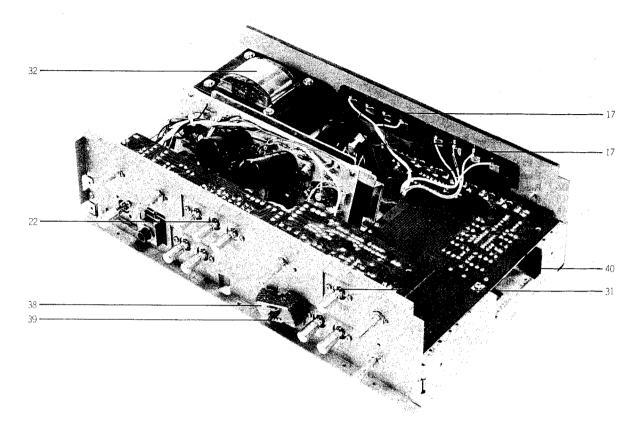
5. HEADPHONE P.C BOARD (M2-5019C) BLOCK

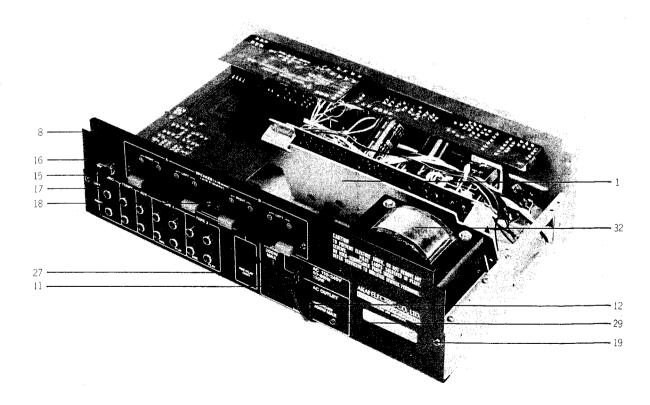
Symbol No.	Parts No.	Description	Q'ty
5-1	BA211285	Headphone P.C Board Comp.	
		(M2-5019C)	1
5-J1	EJ225022	Headphone Jack	1
5-SW1	ES225044	Push SW, 2F-0002FF1620	1
5-R1,2	ER409814	Metal Oxide Film/R. 2W	
		220 ohms (K)	2

6. TONE CONTROL P.C BOARD (M2-5022) BLOCK

Symbol No.	Parts No.	Description	Q'ty
6-1	BA211432	Tone Control P.C Board Comp.	
		(M2-5022)	1
6-VR1,2	EV219835	Single axial 2 throw Vol. V16L4	
ŕ		20A 100kx2	2
6-SW1	ES219846	Push SW. 3FT-0001FF6820	1
6-C4	EC219813	Solid Aluminum/C. 0.1 µF(M)	
		10WV (Vert. Type)	2

7. PHOTO OF ASSEMBLY BLOCK

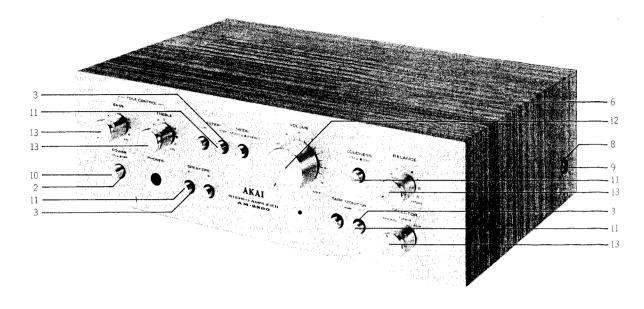




Transistor 2SD586 (Q)(R) 45-1-236 2 2 2 2 2 2 2 2 2	Ref. No.	Parts No.	Description Schematic No.	Q'ty
Transistor 2SD586 (O)(R) 45-1-286 2		HEAT-SINK	BLOCK	
Transistor 2SB616 (Q)(R) 45-1-237 2	7-1	BZ211241	•	1
1-15	7-2x	ET219870	Transistor 2SD586 (Q)(R) 45-1-236	2
1-5x ED551733 Varistor STV-4H 45-10-10 2 2 2 2 2 2 2 2 2	7-3x	ET219881	Transistor 2SB616 (Q)(R) 45-1-237	2
Core	7-4x	ZS379350	Screw, pan head 3x6	8
REAR PANEL BLOCK 1-11 EZ245175 ROCORD CONTROL STATE AND A C CORD (CUL) 2.5M 26-3-20 1 1 2-13 2 2-1-72 2 3 4-1-4 1 1 1 2 2 2 2 3 4 1 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7-5 x	ED551733	Varistor STV-4H 45-10-10	2
REAR PANEL BLOCK 1-9x E2224706 Rear Panel A M2-5010 1 1-10x E2224177 Rear Panel B (CSA) M2-5010 1 1-11 E2225145 2 throw AC Outlet 31-1-166 1 1-12 EW\$40123 AC Cord (CUL) 2.5M 26-3-20 1 1-13x EW604885 AC Cord BS1 26-3-37 1 1-15 SK652397 Knob 0512-2 34-1-4 1 1-15 SK652397 Knob 0512-2 34-1-4 1 1-15 SK652397 Knob 0512-2 34-1-4 1 1-17 E1240581 4P Push Terminal 32-1-72 2 1-18 ZS522865 Tapping Screw #2 3x12(BR) 4 1-18 ZS325495 Tapping Screw #2 3x12(BR) 4 1-19 ZS325495 Tapping Screw #2 3x6 (BR) 9 1-20x ZS379350 Screw, pan head 3x6 11 1-23x E5242436 Push SW, JP01 25-5-221 1 1-23x E524436 Push SW, JP01 25-5-221 1 1-23x E524236 Push SW, JP01 25-5-221 1 1-23x E524351 Push SW, JP01 25-5-221 1 1-23x E524351 Push SW, JP01 25-5-221 1 1-23x E725178 Push SW, JP01	7-6x	ZS608332	· · · · · · · · · · · · · · · · · · ·	2
1-9x EZ224706 Rear Panel A M2-5010 1 -10x EZ224717 Rear Panel B (CSA) M2-5010 1 -11 EZ225145 2 throw AC Outlet 31-1-166 1 -12 EW540123 AC Cord (CUL) 2.5M 26-3-20 1 -13 EW540123 AC Cord (CUL) 2.5M 26-3-37 1 -14 EZ631945 Strain Relief SR-4N-4 2-7-49 1 -15 K652397 Knob 0512-2 M3-1-4 1 -16 EW542408 Washer (SPC) D3.2x10x0.5t 1 -17 EJ240581 AP Push Terminal 32-1-72 2 -18 ZS522865 ASSEMBLY BLOCK Tapping Screw #2 3x12(BR) ASSEMBLY BLOCK Tapping Screw #2 3x6 (BR) Serw, pan head 3x6 11 -18 ZS522495 Tapping Screw #2 3x6 (BR) Serw, pan head 3x6 11 -19 ES224346 Push SW. JP01 25-5-221 1 -19 ES224346 Push SW. JP01 (TV-4) (CSA) 25-5-222 1 -10 EV6408308 Washer (SPC) D3.2x10x02 24-5-58 1 -10 EV6408308 Washer (SPC) D3.2x10x03 1 -10 EV6408308 Washer (SPC) D3.2x10x03 1 -10 EV6408308 Washer M4 CEE CAS 2-7-54 4 -10 EV6408308 Washer (SPC) D3.2x10x02 24-5-58 1 -10 EV6408308 Washer (SPC) D3.2x10x03 24-5-58 1 -10 EV6408308 Washer M4 Washe	7-7x	ZS447840	•	
Page Page B (CSA) M2-5010 1				
	7-8			
11 EZ225145 2 throw AC Outlet 31-1-166 1 -12 EW540123 AC Cord (CUL) 2.5M 26-3-207 1 -13 EW640125 AC Cord BSI 26-3-37 1 -14 EZ631945 Strain Relief SR-4N-4 2-7-49 1 -15 K652397 Knob 0512-2 34-1-4 1 -16 ZW652408 Washer (SPC) D3.2x10x0.5t 1 -17 EJ240581 AP Push Terminal 32-1-72 2 -18 ZS522865 Tapping Screw #2 3x12(BR) 4 -19 ZS325495 Tapping Screw #2 3x6 (BR) 9 -10 ZS325495 Tapping Screw #2 3x6 (BR) 1 -10 ZS325495 Tapping Screw #2 3x6 (BR) 1 -10 ZS325495 Tapping Screw #2 3x6 (BR) 1 -10 ZS325495 Tapping Screw #2 3x6 (BR) 25-5-221 1 -10 ZS325495 Tapping Screw #2 3x6 (BR) 25-5-221 1 -10 ZS447861 Tapping Screw #2 3x6 (BR) 25-5-221 1 -10 ZS48 ZW239578 Nylon Rivet (FNPR) 4x5 (Black) 2-7-54 4 -10 ZW698308 Tapping Screw #2 3x6 (BR) (Black) 2-7-54 4 -10 ZW698308 Tapping Screw #2 3x6 (BR) 1 -10 ZW698308 Tapping Screw #2 3x8 (BR) 1 -10 ZW698308 Tapping Screw #2 3x6 (BR) 1 -10 ZW698308 Tapping Screw #2 3x6 (BR) 1 -10 ZW698308 Tapp			, ,	
Part			· · ·	_
1-13x EW604585	7-11			
	7-12	EW540123	AC Cord (CUL) 2.5M 26-3-20	1
1-15 SK652397 Knob 0512-2 34-1-4 1	7-13x	EW604585	AC Cord BSI 26-3-37	1
1-15 SK652397 Knob 0512-2 34-1-4 1	7-14	EZ631945	Strain Relief SR-4N-4 2-7-49	1
2-16 ZW652408 Washer (SPC) D3.2x10x0.5t 1	7-15	SK652397	Knob 0512-2 34-1-4	1
ASSEMBLY BLOCK Toothed Lock Washer M3 ASSEMBLY BLOCK ASSEMBLY BLOCK Toothed Lock Washer M3 ASSEMBLY BLOCK ASSEMBLY BLOCK ASSEMBLY BLOCK Tapping Screw #2 3x6 (BR) BLOCK Ceramic/C. DP6600YM ASSEMBLY BLOCK ASSEMBL				
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-46x EF552846 Fuse ST-1 4A (CSA) 39-1-25 2 -47x EF623103 Fuse (SEMKO T Type) 1AT (CEE) 39-1-53 4 -48x EF563703 Fuse 2A 250V 39-1-50 1 -49x TA239567 Wire Band Plate (CEE,CSA) M2-5024 1 -50x EJ239580 Fuse Holder, w/sticker AM-2S (CEE) 40-1-141 1 -51x EJ239477 Fuse Holder, w/sticker AM-2L (CSA) 40-1-119 1 -52x ZW273881 Earth Lug M4 (CEE) 1 -53x ZW273892 Toothed Lock Washer M4 (CEE) 1 -54x ZW413188 Nut M4, #1 (CEE) 1			· · · · · · · · · · · · · · · · · · ·	2
-47x EF623103 Fuse (SEMKO T Type) 1AT (CEE) 39-1-53 4 -48x EF563703 Fuse 2A 250V 39-1-50 1 -49x TA239567 Wire Band Plate (CEE,CSA) M2-5024 1 -50x EJ239580 Fuse Holder, w/sticker -51x EJ239477 Fuse Holder, w/sticker -52x ZW273881 Earth Lug M4 (CEE) 1 -53x ZW273892 Toothed Lock Washer M4 (CEE) 1 -54x ZW413188 Nut M4, #1 (CEE) 1	7-46v	EF552846	, ,	
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-53x ZW273892 Toothed Lock Washer M4 (CEE) 1 -54x ZW413188 Nut M4, #1 (CEE) 1	7-52 v	ZW273881	AM-2L (CSA) 40-1-119	
54x ZW413188 Nut M4, #1 (CEE)			Toothed Lock Washer M4	
	5 A	737/12100	• • •	
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Symbo No.	Parts No.	Description	Schematic No.	Q'ty
7-56x	MZ229138	Wire Bundle Holder N-108		
		(CEE, CSA)	2-35-1	2
7-57x	ZS447840	Tapping Screw #2 3x8 (BR)		
		(CEE, CSA)		1

8. PHOTO OF FINAL ASSEMBLY BLOCK



8.) FINAL ASSEMBLY BLOCK

Ref. No.	Parts No.	Description	Schematic No.	Q'ty
	FRONT PA	NEL BLOCK		
8-1 x	BD211230	Front Panel Block Comp.		1
8-2	MZ224627	Push Button Bush A	M2-5004	1
8-3	SE613888	Button Escutcheon A	CW-6021	8
	ASSEMBLY	BLOCK		
8-4x	SZ645243	Circular Foot A	CA-6014	4
8-5 x	ZS214997	Tapping Screw, #2 4x6 pan		4
8-6	BC224807	Cabinet A	M2-5013	1
8-7x	BC266782	Cabinet C (CSA)	M2-5013	1
8-8	ZW548010	Spot Facing Washer	MU-6028	4
8-9	ZS510344	Screw, binding head 4x12		4
8-10	SK224886	Power Knob	M2-5021	1
8-11	SK634410	Push Button Knob J	91-5051	8
8-12	SK225090	Vol. Knob	M2-5015	1
8-13	SK646817	Single Knob	AA-5250	4

9. LIST OF INTERCHANGEABLE SEMICONDUCTORS

As far as service is concerned, in case the original parts cannot be obtained, the interchangeable parts listed below can be substituted.

	Original Parts	Interchangeable Parts			
Description	Parts No.	Utilizing P.C Board	Description	Parts No.	
2SB560(E)(F)	ET219868	M2-5018	2SA815(O)(Y)	ET649078	
2SB616(Q)(R)	ET219881	M2-8018A			
2SC1312(F)(G)	ET539987	M2-5019B	2SC1571NP(G)(H)	ET223446	
2SC1517NP(G)(H)	ET223446	M2-5018	2SC1312(F)(G)	ET539987	
2SD438(E)(F)	ET219857	M2-5018	2SC1625(O)(Y)	ET649067	
2SD586(Q)(R)	ET219870	M2-5018A			
LA3122	EI697871	M2-5019			
1S2472VE	ED656278	M2-5018	1S2472	ED656278	
GP15D	ED219903	M2-5018	1R5BZ61	ED650621	
SEL105R	ED656357	M2-5019A			
STV-4H	ED551733				

SECTION 3

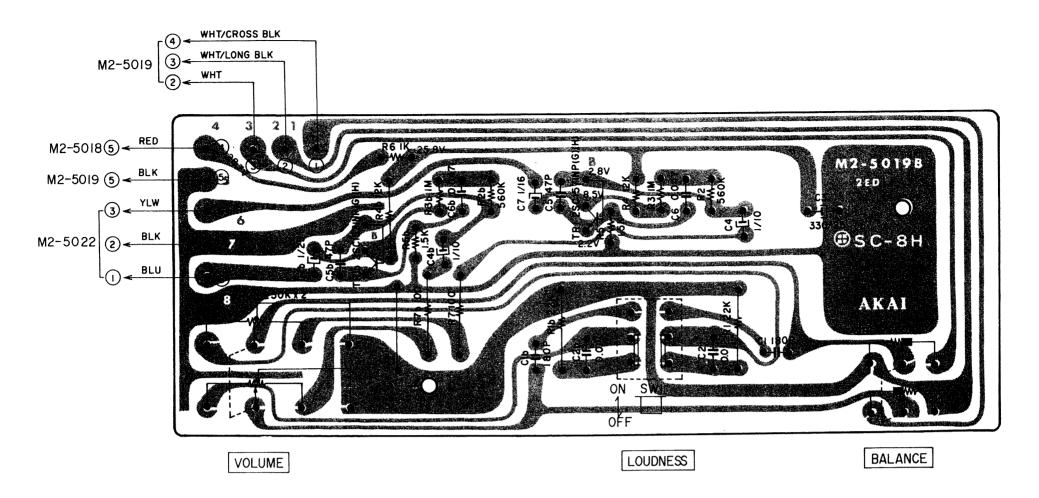
SCHEMATIC DIAGRAM

1. AM-2200 SCHEMATIC DIAGRAM 1540405A

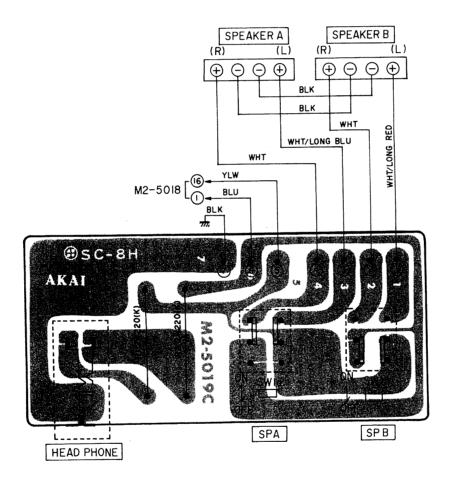
INDEX

	Ref. No. &		Ref. No. &		Ref. No. &	n	Ref. No. &	n	Ref. No. &
Parts No.	Symbol No.	Parts No.	Symbol No.	Parts No.	Symbol No.	Parts No.	Symbol No.	Parts No.	Symbol No.
BA211252 BA211263 BA211274 BA211285 BA211432 BA270764 BA2707765 BC224807 BC266782 BD211230	2-1 3-1 4-1 5-1 6-1 2-2 2-3 8-6 8-7x 8-1x	SK224886 SK225090 SK634410 SK646817 SK652397 SP224831 SZ645243 TA239567 ZS214997 ZS325495	8-10 8-12 8-11 8-13 7-15 7-40 8-4x 7-49x 8-5x 7-19						
BT215043 BT215054 BT225178 BZ211241 EA224515 EA233932 EA233943 EC219813 EC223413 EC474671	7-34x 7-33x 7-32 7-1 7-38 2-4 2-5 6-C4 4-C7 2-C13	ZS379350 ZS379350 ZS417150 ZS447761 ZS447840 ZS447840 ZS510344 ZS522865 ZS608332	7-4x 7-20x 7-55x 7-29 7-7x 7-41x 7-57x 8-9 7-18 7-6x						
EC557155 EC557155 EC565896 EC684720 ED219903 ED551733 ED656278 ED656357 EF277413 EF332098	2-C10 4-C4 7-26x 7-25x 2-D2to5 7-5x 2-D1 7-39 7-42x 7-44x	ZW239578 ZW273802 ZW273881 ZW273892 ZW273914 ZW413188 ZW413188 ZW548010 ZW652408 ZW698308	7-28x 7-21x 7-52x 7-53x 7-35x 7-36x 7-36x 7-54x 8-8 7-16 7-27						
EF552846 EF563703 EF602550 EF623103 EF690996 EI697871 EJ214975 EJ225022 EJ239477 EJ239580	7-46x 7-48x 7-43x 7-47x 7-45x 3-IC1 7-30x 5-J1 7-51x 7-50x								
EJ240581 EJ514822 EJ551035 EJ592503 EJ650272 EJ698051 EO650823 ER219914 ER409814 ES219846	7-17 2-6 7-37x 2-7 3-J1 3-J2 2-L1 2-R18,19 5-R1,2 6-SW1								
ES224436 ES224965 ES225044 ES225055 ES225088 ES239218 ES242346 ET219857 ET219868	7-22 4-SW1 5-SW1 7-31 3-SW2 7-24x 7-23x 2-TR4 2-TR6 2-TR3								
ET219868 ET219868 ET219870 ET219881 ET245790 ET539987 EV219835 EV224943 EV224954 EV245823	2-TR5 2-TR7 7-2x 7-3x 2-TR1,2 4-TR1 6-VR1,2 4-VR1 4-VR2 2-VR1								
EW540123 EW604585 EZ224662 EZ224706 EZ224717 EZ225145 EZ631945 MZ224627 MZ229138 SE613888	7-12 7-13x 7-8 7-9x 7-10x 7-11 7-14 8-2 7-56x 8-3								

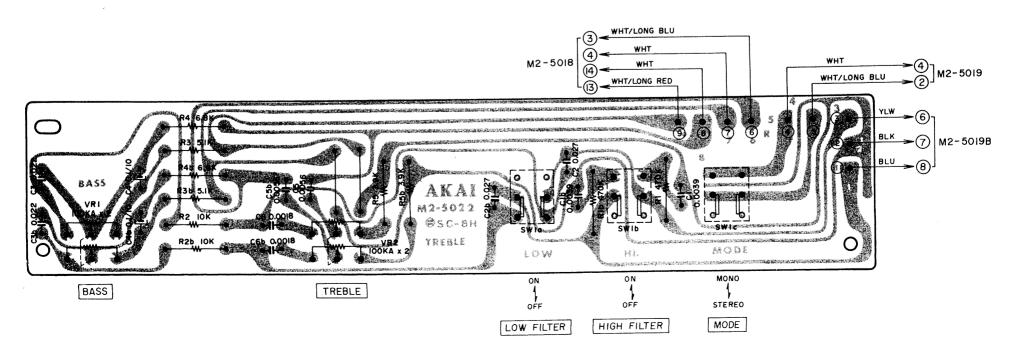
VR P.C BOARD M2-5019B

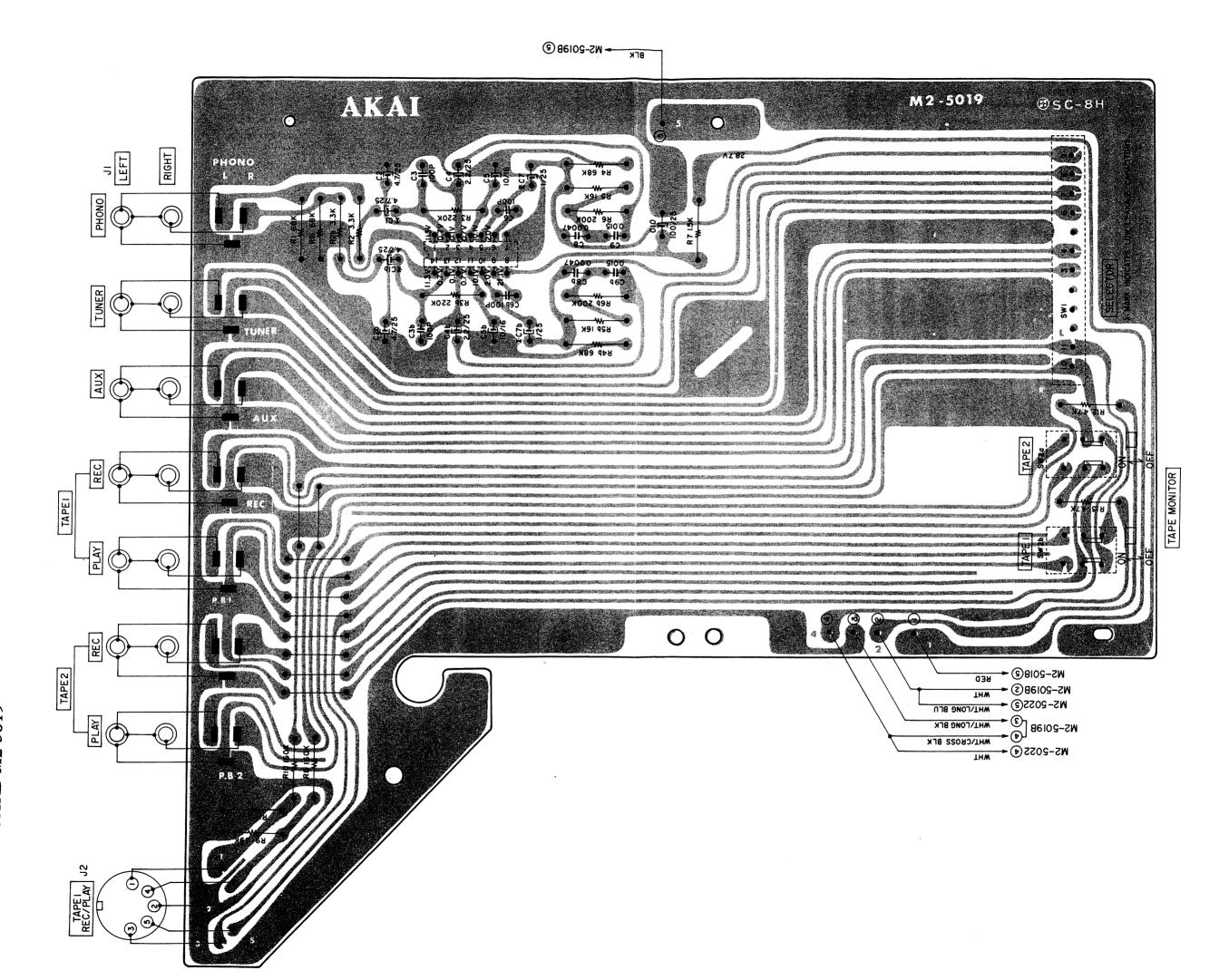


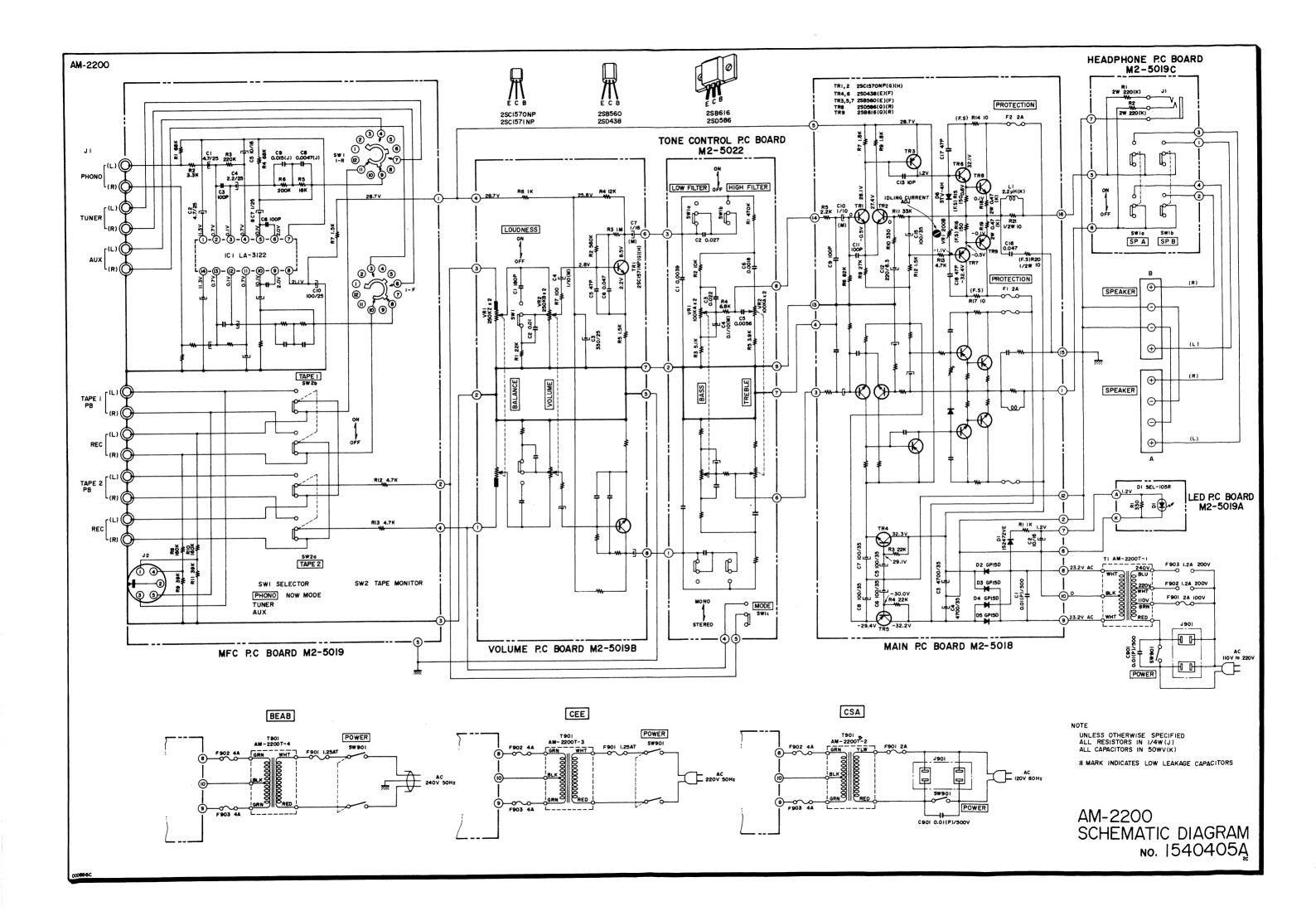
HEADPHONE P.C BOARD M2-5019C



TONE CONTROL P.C BOARD M2-5022







COMPOSITION OF VARIOUS P.C BOARD

MAIN AMP P.C BOARD M2-5018/A, LED P.C BOARD M2-5019A

